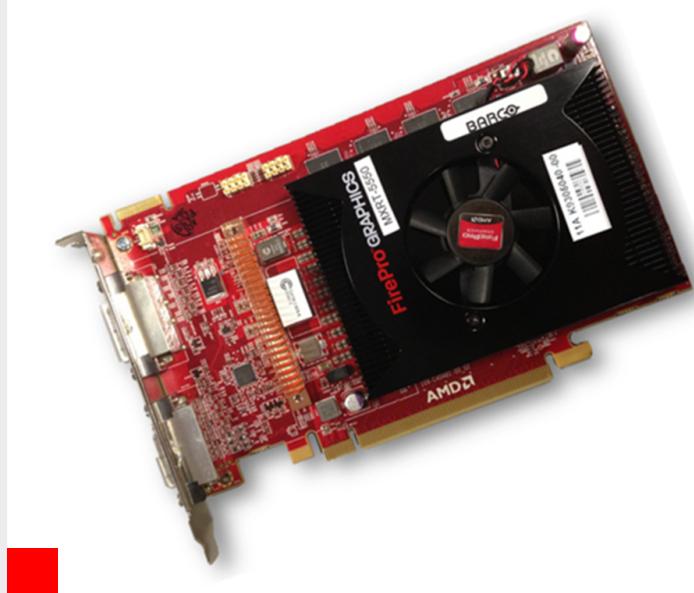


MXRT-5550

3D PCIe Dual-DVI display controller



The MXRT-5550 display controller delivers the performance, quality and stability required for today's 3D imaging applications in healthcare.

The powerful GPU ensures ultra-fast and smooth image loading, roaming and manipulation of images with up to 5.8 MP grayscale resolution. The board features 2 DVI connectors, providing a solid solution for upgrades.

Flexible projection configurations

The MXRT-5550 display controller is available with Barco's Conference CloneView™ software, which enables accurate projection of medical images onto a large-screen display.

The software tool ensures effortless cloning, scaling, zooming and panning of medical images on the large screen, making Barco displays and controllers perfectly suited for use in teaching hospitals, auditoriums and (tele)conference rooms.

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Product specifications

MXRT-5550

Bus compatibility	PCIe Gen3 x16
Power consumption	75 W
Form factor	184.15 mm (7.2") (L) x 111 mm (4.4") (H) single PCIe slot wide
Operating system	Windows 7 - 32/64-bit Windows 8.1 - 32/64-bit
Platforms	Intel® and AMD architectures
Graphics accelerator	ATI FirePro TM
Display memory	2 GB GDDR5
Memory interface	256-bit
Memory bandwidth	102.3 GB/s
Pixel depth	32-bit pixels (supports 8-bit and 10-bit per color channel)
Electrical standard	Dual-Link DVI
Direct3D hardware support	Microsoft® DirectX v11.1, Vertex Shader 5.0, Pixel Shader 5.0
OpenGL hardware support	OpenGL 4.2
OpenCL hardware support	OpenCL 1.2
Connectors	2- DVI-I
Supported resolutions	Up to 5.8MP grayscale at full refresh rate (VGA at boot-up)
Approvals and compliance	FCC Part 15 Class B, EN 55022 Limit B, EN 55024, UL-60950-1, BMSI CNS, CISPR-22/24, IEC60950-1, VCCI, CSA C22.2, EU RoHS directive (2011/65/EC), Certificate of Information & Communication Equipment (Republic of Korea)
Operational temperature	0° to 60°C (32° to 140° F)

Generated on: 12 Jun 2014
Technical specifications are subject to change without prior notice.
Please check www.barco.com for the latest information.

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